

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. - 18. (canceled).

19. (currently amended): A liquid ejecting apparatus comprising:

a movable head that is provided with a plurality of nozzles for ejecting a liquid;

a ~~carry~~ transport unit for ~~carrying~~ transporting a medium in a predetermined ~~carrying~~ transporting direction; and

a sensor for detecting ~~an edge~~ lateral edges of said medium and that is movable with said head;

~~wherein said liquid ejecting apparatus controls ejection of said liquid from said plurality of nozzles in accordance with a result of the detection of said sensor; and~~

wherein a position, in the transporting ~~carrying~~ direction, of said sensor is on an upstream side of a nozzle located most upstream in said transporting ~~carrying~~ direction, of among said plurality of nozzles;

wherein said liquid ejecting apparatus generates print data expressing a print image, a width of said print image of said print data is wider than the width of said medium;

wherein said print data is masked so as to leave a margin outside each of said lateral edges detected by said sensor; and

wherein, in accordance with the masked print data, said liquid ejecting apparatus ejects said liquid in a region that is set wider than the width of said medium and does not eject said liquid beyond said margin.

20. (canceled).

21. (currently amended): A liquid ejecting apparatus according to claim 20,
wherein a position, on the most downstream side in said ~~earrying~~transporting direction,
of a detection region of said sensor is located on the upstream side, in said ~~earrying~~transporting
direction, of said nozzle located most upstream in said ~~earrying~~transporting direction.

22. (currently amended): A liquid ejecting apparatus according to claim 19,
wherein said ~~earry~~transport unit transports ~~earries~~ said medium by a predetermined ~~earry~~
transport amount in said ~~earrying~~transporting direction; and
wherein the position, in the ~~earrying~~transporting direction, of said sensor is on the
upstream side, in said ~~earrying~~transporting direction, away from said nozzle located most
upstream in said ~~earrying~~transporting direction by more than said ~~earry~~transport amount.

23. (original): A liquid ejecting apparatus according to claim 22,
wherein said liquid ejecting apparatus ejects the liquid onto the edge of said medium
using a portion of said plurality of nozzles after said sensor no longer detects said medium.

24. (currently amended): A liquid ejecting apparatus according to claim 23,
wherein said liquid ejecting apparatus ejects the liquid onto said medium using all of said plurality of nozzles in a state where said sensor no longer detects said medium, and
after said ~~carry-transport~~ unit has further ~~carried-transported~~ said medium by said ~~carry-transport~~ amount, said liquid ejecting apparatus ejects said liquid onto the edge of said medium using a portion of said plurality of nozzles.

25. (currently amended): A liquid ejecting apparatus according to claim 22,
wherein a position, on the most downstream side in said ~~carrying-transporting~~ direction, of a detection region of said sensor is on the upstream side, in said ~~carrying-transporting~~ direction, away from said nozzle located most upstream in said ~~carrying-transporting~~ direction by more than said ~~transport~~ ~~carry~~-amount.

26. (currently amended): A liquid ejecting apparatus according to claim 19,
wherein said ~~carry-transport~~ unit has a ~~carry-transport~~ roller for ~~carrying-transporting~~ said medium up to a position where said liquid can be ejected onto said medium; and
wherein the position, in the ~~carrying-transporting~~ direction, of said sensor is on the downstream side of said ~~carry-transport~~ roller.

27. (currently amended): A liquid ejecting apparatus according to claim 26,
wherein a process of correcting a skew in said medium is performed on the upstream side of said ~~carry-transport~~ roller.

28. (currently amended): A liquid ejecting apparatus according to claim 26,
wherein a position, on the most upstream side in said ~~carrying-transporting~~ direction, of a
detection region of said sensor is on the downstream side, in said ~~carrying-transporting~~ direction,
of said ~~carry-transport~~ roller.

29. (currently amended): A liquid ejecting apparatus according to claim 26,
wherein said liquid ejecting apparatus further comprises a supporting section for
supporting said medium that is transported ~~carried~~ from said ~~carry-transport~~ roller; and
wherein said sensor is arranged such that a detection region of said sensor is located on
said supporting section.

30. (original): A liquid ejecting apparatus according to claim 29,
wherein calibration of said sensor is performed based on an output signal of said sensor
in a state in which said supporting section is not supporting said medium.

31. (currently amended): A liquid ejecting apparatus according to claim 29,
wherein a position, on the most upstream side in said ~~carrying-transporting~~ direction, of
the detection region of said sensor is on said supporting section.

32. (currently amended): A liquid ejecting apparatus according to claim 29,

wherein said ~~carry~~transport unit transports ~~carries~~ said medium in a slanted manner with respect to said supporting section; and

wherein the position of said sensor is on the downstream side, in said ~~carrying~~transporting direction, of a position at which a front edge of said medium first comes into contact with said supporting section.

33. (currently amended): A liquid ejecting apparatus according to claim 32, wherein said ~~carry~~transport unit has a paper discharge roller for discharging said medium; and

wherein said medium that has been ~~carried~~transported in a slanted manner with respect to said supporting section passes a print region within which the liquid ejected from said nozzles land, and then reaches said paper discharge roller.

34. (currently amended): A liquid ejecting apparatus according to claim 32, wherein a position, on the most upstream side in said ~~carrying~~transporting direction, of the detection region of said sensor is on the downstream side, in said ~~carrying~~transporting direction, of the position at which the front edge of said medium first comes into contact with said supporting section.

35. (original): A liquid ejecting apparatus according to claim 19, wherein said liquid is ink; and

wherein said liquid ejecting apparatus is a printing apparatus that prints on a medium to be printed, which serves as said medium, by ejecting the ink from said nozzles.

36. (canceled).

37. (currently amended): A printing system comprising:

a main computer unit; and

a liquid ejecting apparatus that is connectable to said main computer unit and that is

provided with:

a movable head that is provided with a plurality of nozzles for ejecting a liquid;

a ~~carry~~ transport unit for ~~carrying~~ transporting a medium in a predetermined ~~carrying~~ transport direction; and

a sensor for detecting ~~an edge~~ lateral edges of said medium and that is movable with said head;

~~wherein said liquid ejecting apparatus controls ejection of said liquid from said plurality of nozzles in accordance with a result of the detection of said sensor; and~~

wherein a position, in the transporting ~~carrying~~ direction, of said sensor is on an upstream side of a nozzle located most upstream in said transporting ~~carrying~~ direction, of among said plurality of nozzles;

wherein said liquid ejecting apparatus generates print data expressing a print image, a width of said print image of said print data is wider than the width of said medium;

wherein said print data is masked so as to leave a margin outside each of said lateral edges detected by said sensor; and

wherein, in accordance with the masked print data, said liquid ejecting apparatus ejects said liquid in a region that is set wider than the width of said medium and does not eject said liquid beyond said margin.